

FIG. 1

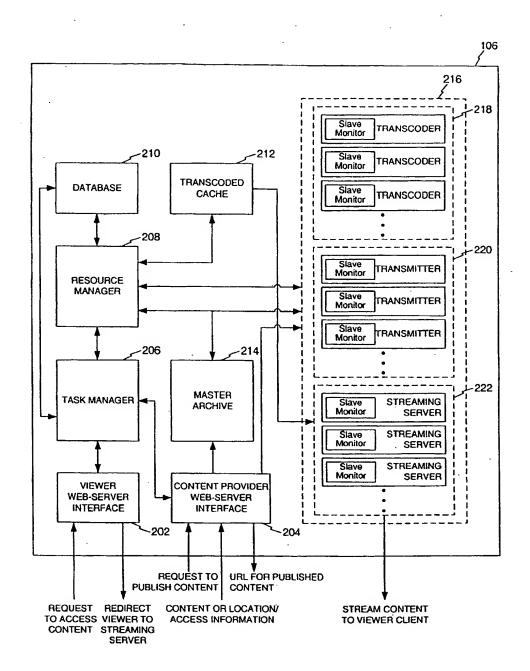


FIG. 2

Express Mail: EV 331871915 US Attorney Docket: 2500803-900101 For: Distributed on-demand media transcoding system and method, filed August 20, 2003 Inventors: Angela C. W. Lai, et al.; Page 3 of 14 Attorney: Andrew V. Smith, 415-836-2522

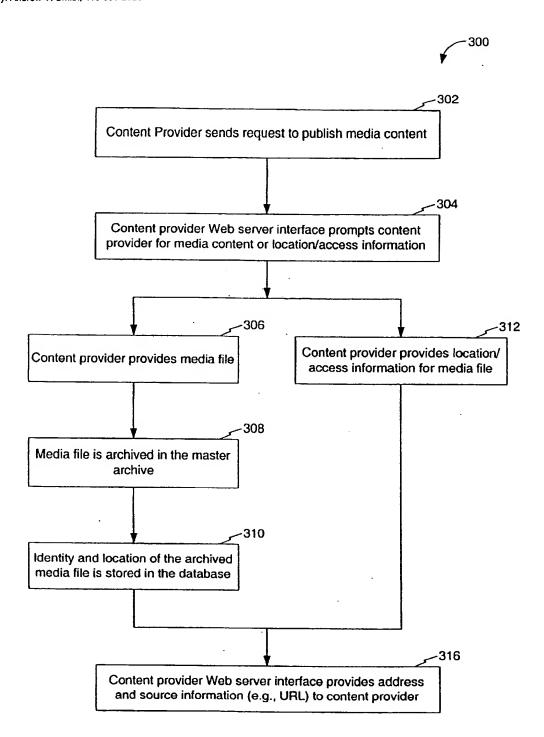
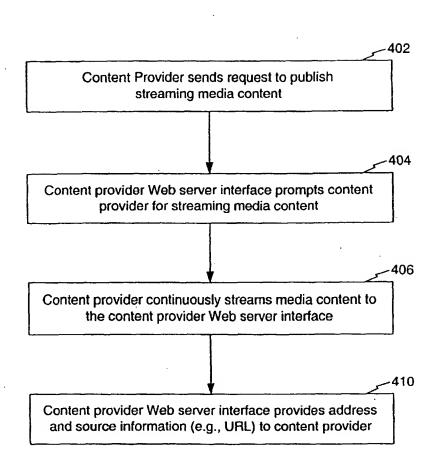


FIG. 3



400

FIG. 4

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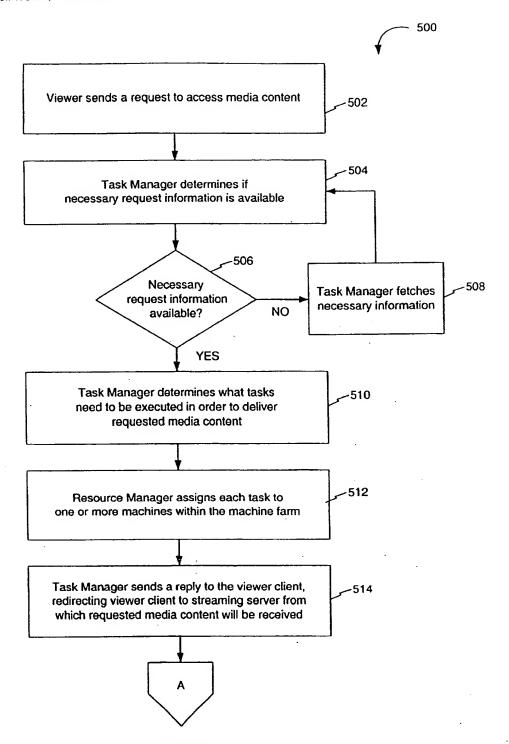


FIG. 5A

Express Mail: EV 331871915 US Attorney Docket: 2500803-900101 For: Distributed on-demand media transcoding system and method, filed August 20, 2003 Inventors: Angela C. W. Lai, et al.; Page 6 of 14 Attorney: Andrew V. Smith, 415-836-2522 532 YES NO **AUTO SOURCE TYPE DETECTION ON?** 53Y 536 REQUEST INPUT THROUGH SOURCE INTERFACE? **FETCH SOURCE TYPE** INFORMATION FROM SOURCE SERVER/CLIENT 538 **AUTO DESTINATION** NO TYPE DETECTION ON? 540 542 FETCH DESTINATION TYPE REQUEST INPUT THROUGH DESTINATION INTERFACE? INFORMATION FROM DESTINATION SERVER/CLIENT üser

F16.5B

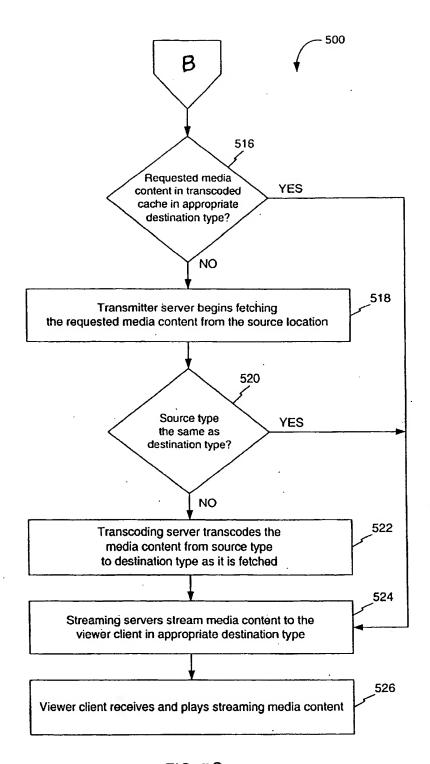
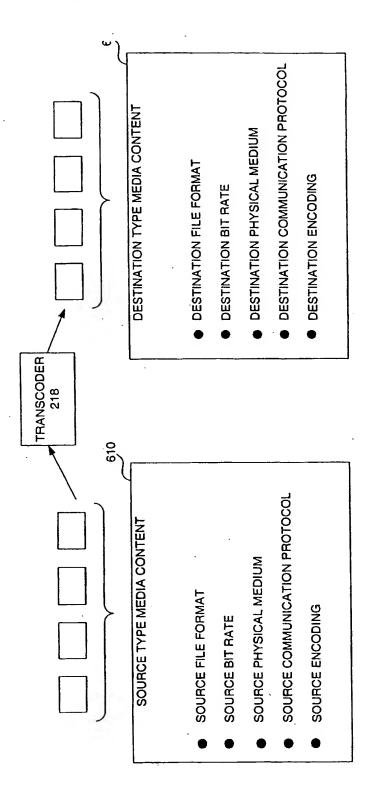


FIG. 5C



RIABLES	SOURCE TYPE 710	DESTINATION TYPE 750	DESTINATION TYPE 760
	LOCAL DISK	INTERNET	WIRELESS NETWORK
	FILE I/O	WINDOWS MEDIA STREAMING MMS PROTOCOL	НТТР
	MP3	WINDOWS MEDIA	MP3
	128 kpbs	56 kbps	12 kbps

FIG. 7

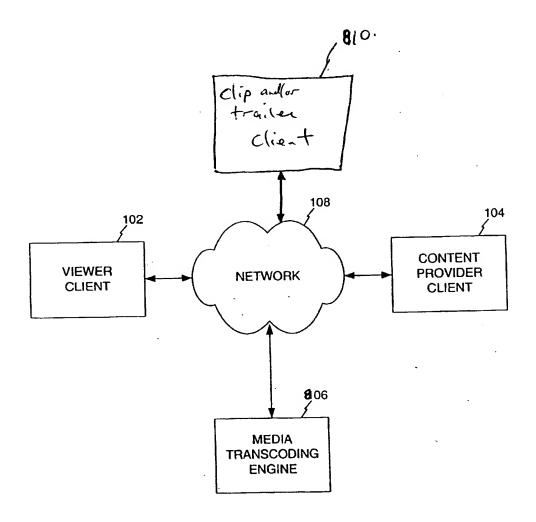


FIG. 8A

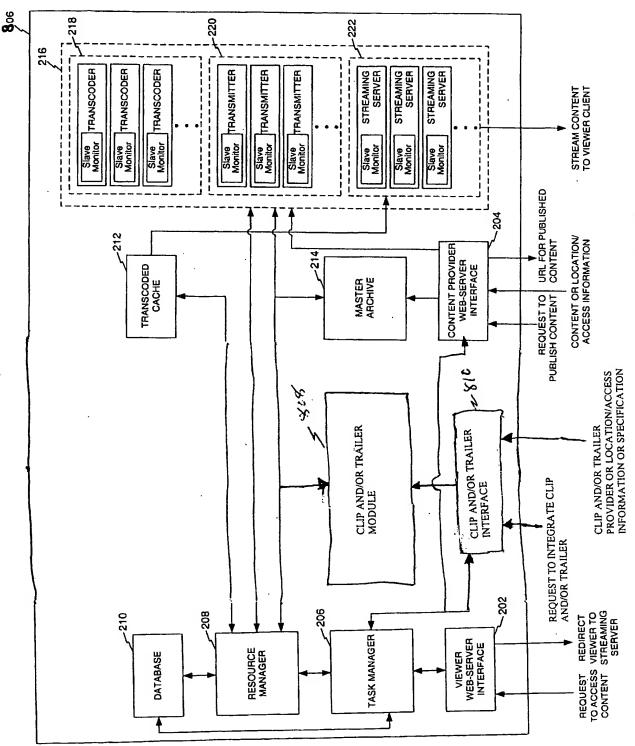


FIG. 8B

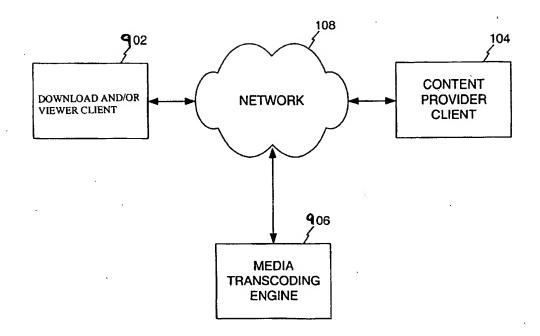


FIG. 9A

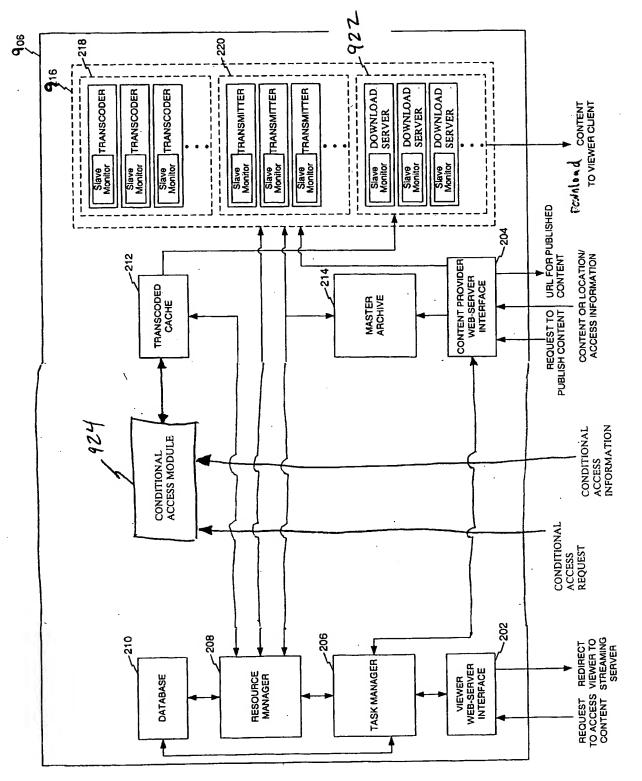
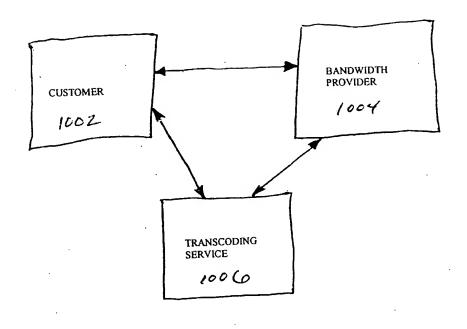


FIG. 9B

Express Mail: EV 331871915 US
Attorney Docket: 2500803-900101
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Inventors: Angela C. W. Lai, et al.; Page 14 of 14
Attorney: Andrew V. Smith, 415-836-2522



F16. 10

STEADY CACHE TRANSFER BALANCING

ON-PEAK CACHING OPERATION

- •CACHE AND STREAM REQUESTED CONTENT
- •PULL RECORDS FROM PRE-CACHE ARCHIVE
- •STREAM PRE-CACHE RECORDS

OFF-PEAK CACHING OPERATIONS

- •CACHE AND STREAM REQUESTED CONTENT
- •PRE-CACHE ANTICIPATED AND/OR PRE-ORDER CONTENT
- •STORE PRE-CACHE RECORDS INTO PRE-CACHE ARCHIVE